

ECO ECRNO.
5009EFF DATE OF CHG
2/20/97REQUESTED BY
ECR 987

PREMIER

PAGE 1
OF 1

REASON FOR CHANGE

ADD ALTERNATE PART NUMBERS

MARKED PRINTS ATTACHED

YES NO DOCUMENTS AFFECTED
030-24001
AIR CONDITIONER
CONTROL PANEL ASSYSYSTEM
R134 AIR
CONDITIONER
SERIAL NO EFF

MATL DISPOSITION

REWORK

IN STORE

IN MFG.

SCRAP

USE AS IS

DISPOSITION/COMMENTS

030-24001 REV WAS "--" REV IS "--"

THIS IS AN UNINCORPORATED ECO

STC SH7924SW
AND STC SR09143RC

DESCRIPTION

INCORPORATE ECR 987

030-24001

PAGE 1 PARTS LISTWAS

"FSD-3 NUT MOUNT

FASTENER SPECIALTY"

IS"FSD-3  NUT MOUNT

FASTENER SPECIALTY"

030-24001

PAGE 1 PARTS LISTWAS

"95-44-14-E6-55810

SWITCH

AEROSPACE OPTICS"

IS"95-44-14-E6-55810 

SWITCH

AEROSPACE OPTICS"

030-24001

PAGE 1 NOTESADD

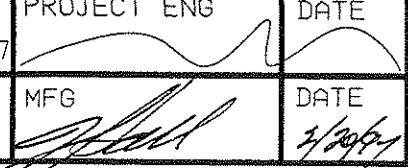
"10 ALTERNATE: 582-10A4BOC1D2F4L5N12 (LGA), P11, 60 AC/ON/OFF EATON"

"11 ALTERNATE: MS21042L04 NUT WASHER 2PL
NAS1149DN416K NUT WASHER 2 PL"

ECO

5009

ECR

IMPACT	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	PROCUREMENT ACTION	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	PRIORITY	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input checked="" type="checkbox"/>	CHANGE CLASSIFICATION	<input type="checkbox"/> RECORD
INTERCHANGEABILITY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	DRAWING CHANGE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPECIFICATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	PMA MAJOR	<input type="checkbox"/> TSO MAJOR
SPECIFICATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	SPARES	<input type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/> PMA MINOR	<input type="checkbox"/> TSO MINOR	
PREPARED BY	DATE	PROJECT ENG	DATE	QA	DATE	FAA SUBMITTAL					
S. KALFUS	02/19/97				2/20/97	YES					
CHECKED BY	DATE	MFG	DATE	PROD SPRT	DATE	ENGRG APPR					
	2/20/97		2/20/97								

NOTICE: THE INFORMATION AND
DESIGN CONTAINED HEREIN IS THE
PROPERTY OF PREMIER AVIATION
WHO RESERVES ALL RIGHTS THERETO

NOTES (UNLESS OTHERWISE SPECIFIED):

REV STATUS OF SHEETS	REV	-	-	-	-
	SHEET	1	2	3	4

1. IDENTIFY PARTS PER PREMIER IDENTIFICATION AND MARKING PROCEDURE, 115-12112 (PARA. 2.1/2-2).
2. REMOVE ALL BURRS, BREAK ALL EDGES/CORNERS .015-.25 RAD, EXCEPT AS NOTED.
3. PRIME SHEET METAL PARTS WITH MIL-P-23377 EPOXY PRIMER OR TT-P-1757 ZINC CHROMATE PRIMER OR EQUIV.

4. INSTALL PER MANUFACTURER SPECIFICATION.

5. FINISH -05 PANEL ONLY WITH MATT BLACK NO. 37038 PER FED-STD-595
FRONT SIDE AND EDGES.

6. INSTALL WIRE PER -17 WIRING DIAGRAM.

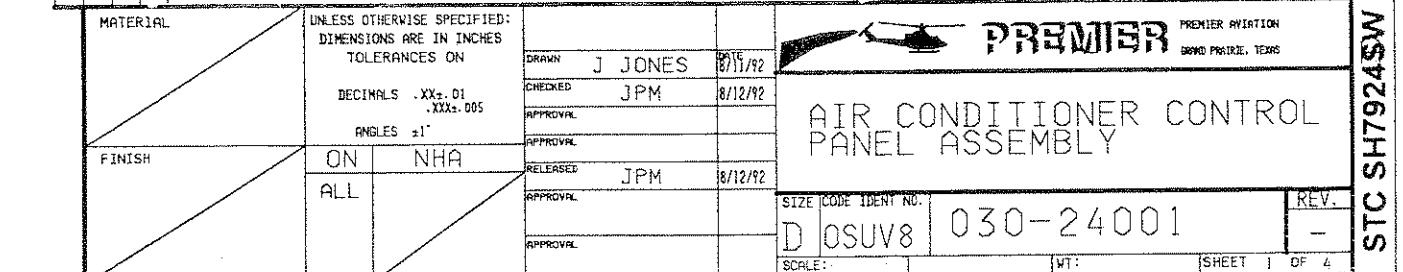
7. INSTAL WIRE PER -19 WIRING DIAGRAM.

8. ALL WIRE AND WIRE ROUTING IN ACCORDANCE WITH AC43.13-1A
CHAPTER, AND COMPONENT MANUFACTURER RECOMMENDATIONS.

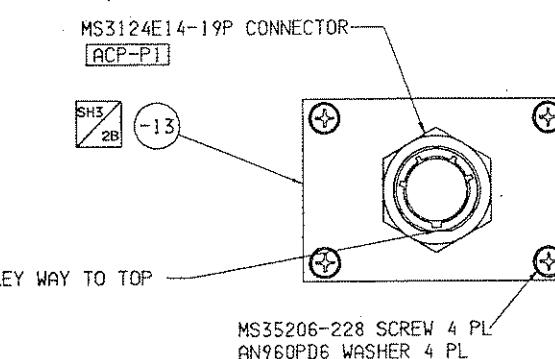
9. ALL WIRE PER MIL-W-22759/16. SHIELDING PER MIL-C-27500.

PARTS LIST			
ITEM NO.	PART NO.	DESCRIPTION	SPECIFICATION
7 9	MIL-C-39029/22-192	CONTACTS	
2	1N4005	DIODE	MOTOROLA
1 1	95-44-14-E6-55810	SWITCH	AEROSPACE OPTICS
AR AR	22231	ADHESIVE	LOCTITE
1 1	2TP-1	SWITCH	MICRO SWITCH
1 1	18-200	CONNECTOR	AEROSPACE OPTICS
1 1	027-24002-01	ILLUMINATED OVERLAY	PREMIER

1		SBMA-25P	CONNECTOR	ITT
1	1	RV6NAYSD103A	POTENTIOMETER	CLAROSTAT
4		PFSC-1/2-38 AEPB	FASTNER	DZUS
	1	FSD-3	NUT MOUNT	FASTNER SPEC ***
	2	D20418-2	FEMALE SCREW LOCK	ITT
4	4	A-3942-632-3	SPACER	GLO
	1	MS91528-0C1B	KNOB	
1	1	MS90335-3	CONNECTOR	
	2	MS35214-27	SCREW	
4	4	MS35206-228	SCREW	
2	2	MS24693-29	SCREW	
4	4	MS24693-26	SCREW	
2		MS21075L06	NUTPLATE	
4		MS20426AD3	RIVET	
1		MS3124E14-19P	CONNECTOR	
4	4	AN960PD6	WASHER	
1		-19	WIRING DIAGRAM 206	
1		-17	WIRING DIAGRAM 212/412	
1		-15	CONNECTOR PLATE	HWL-063 TIN PLATED ALLOY 2024-T4 DO-91-252/4
1		-13	CONNECTOR PLATE	HWL-063 TIN PLATED ALLOY 2024-T4 DO-91-252/4
1		-11	PANEL	HWL-063 TIN PLATED ALLOY 2024-T3 DO-91-252/4
1	1	-09	PLATE ASSEMBLY	
	1	-07	CONTROL ASSEMBLY 206	
	1	-05	CONTROL ASSEMBLY 212/412	
		-03	A/C CONTROL PANEL ASSEMBLY 206	
		-01	A/C CONTROL PANEL ASSEMBLY 212/412	
		PART NO.	DESCRIPTION	SPECIFICATION
-09	-07	-05	-03	-01
			PARTS LIST	CODE IDENT NO.
				ITEM NO.

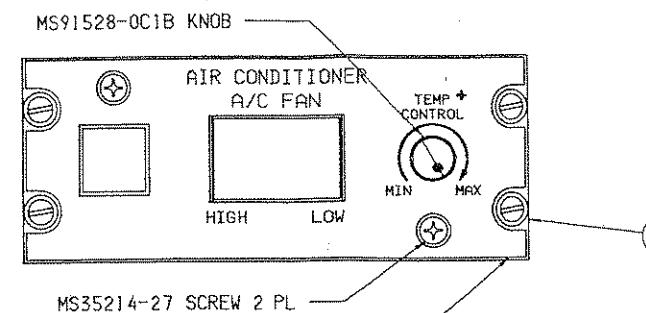


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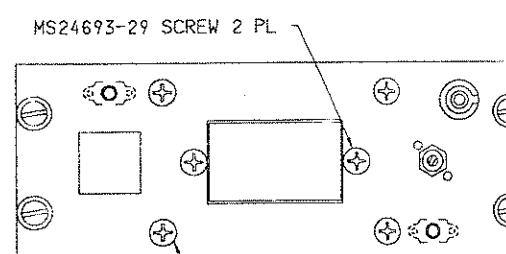
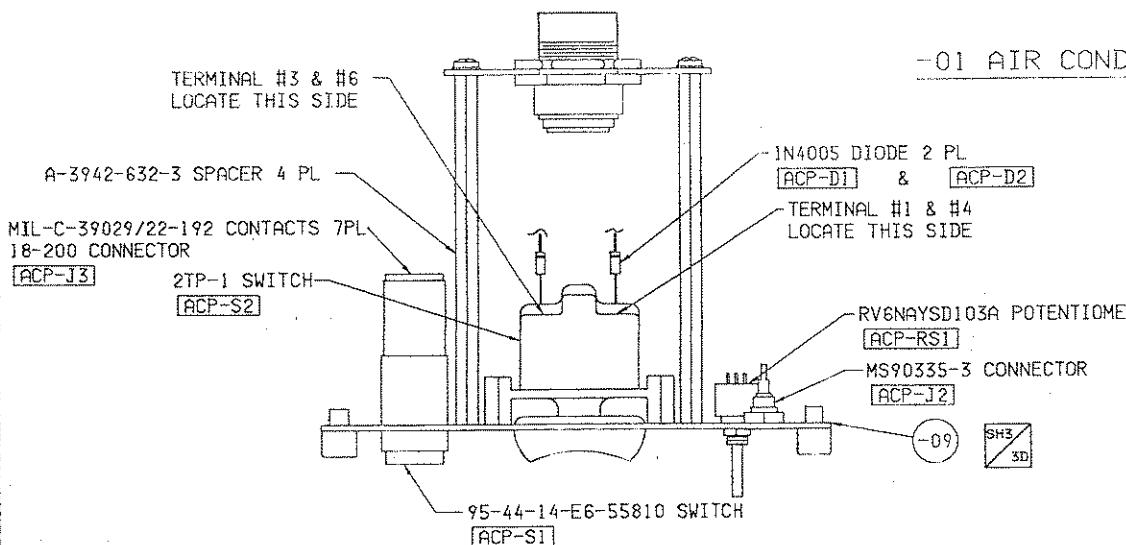


KEY WAY TO TOP

MS35206-228 SCREW 4 PL
AN960PD6 WASHER 4 PL
22231 ADHESIVE AR



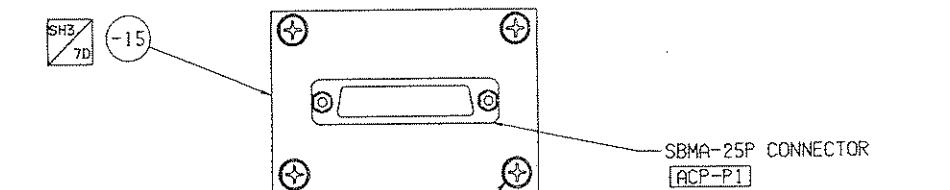
-01 AIR CONDITIONER CONTROL PANEL ASSEMBLY (412/212)



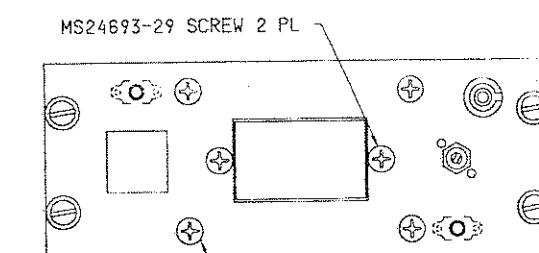
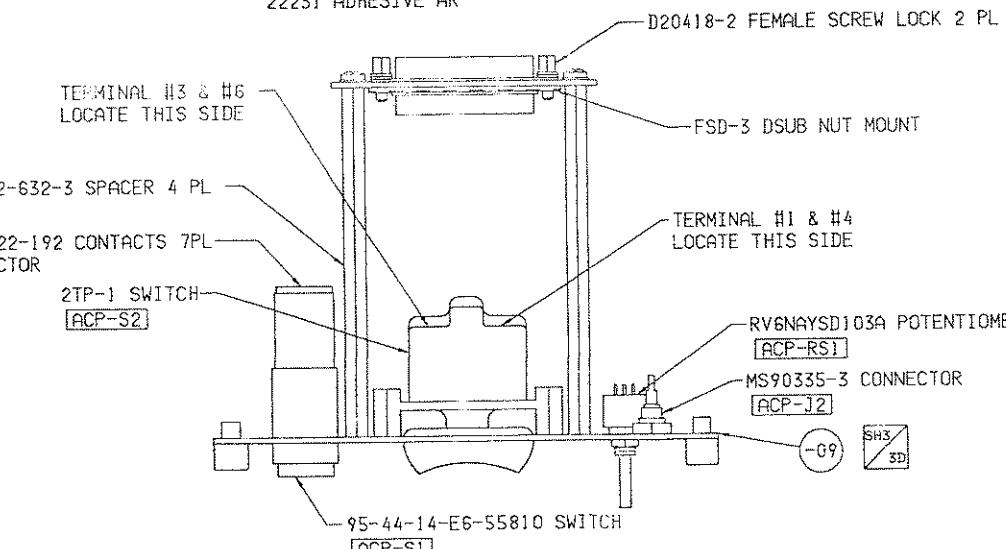
MS24693-26 SCREW 4 PL
22231 ADHESIVE AR

-03 AIR CONDITIONER CONTROL PANEL ASSEMBLY (206)

-07 CONTROL ASSEMBLY (206)



MS35206-228 SCREW 4 PL
AN960PD6 WASHER 4 PL
22231 ADHESIVE AR



MS24693-26 SCREW 4 PL
22231 ADHESIVE AR

-05 CONTROL ASSEMBLY (212/412)

SIZE	CODE IDENT NO.	REV
D	OSUV8	-
A/C CONTROL PANEL		SHEET 2 OF 4

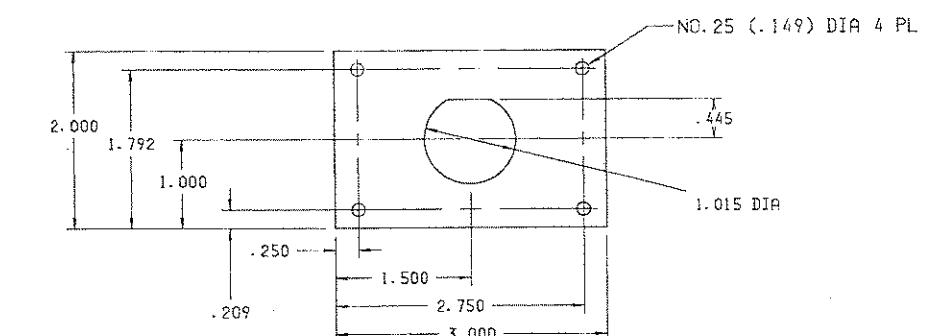
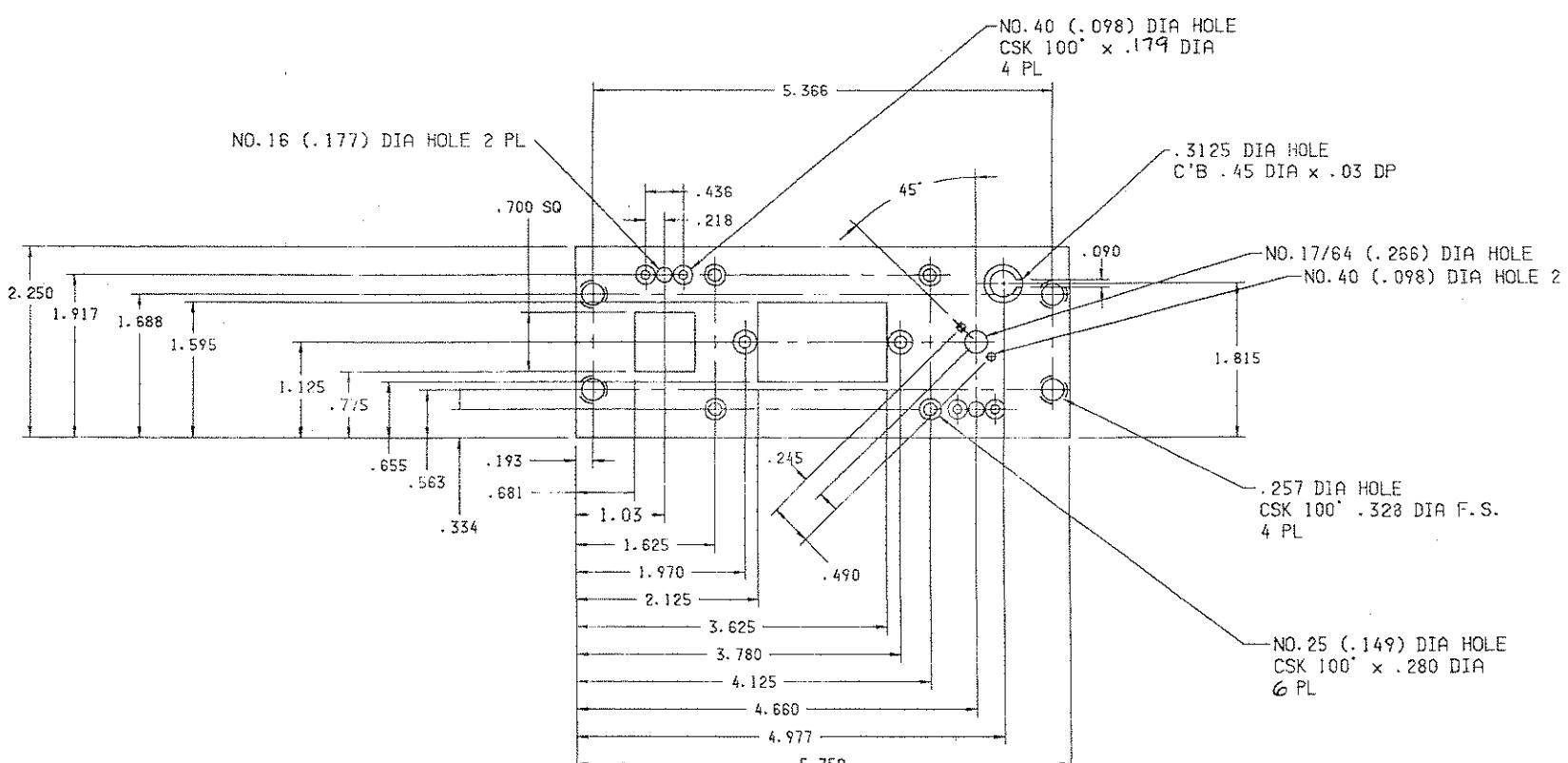
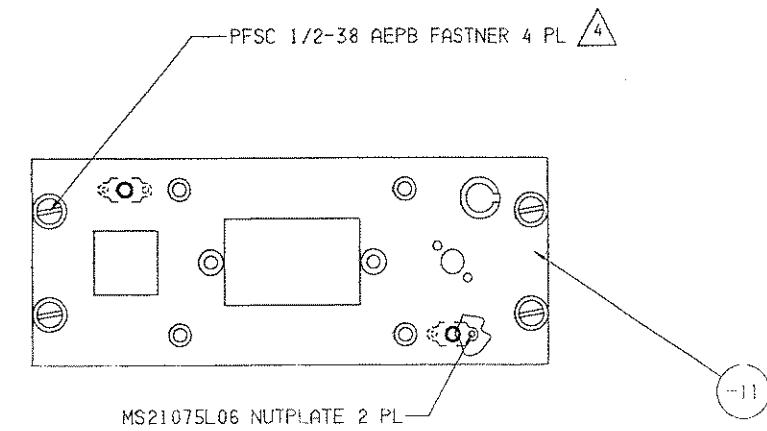
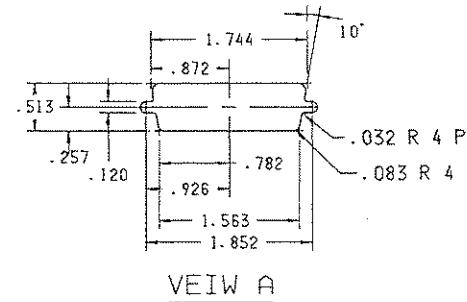
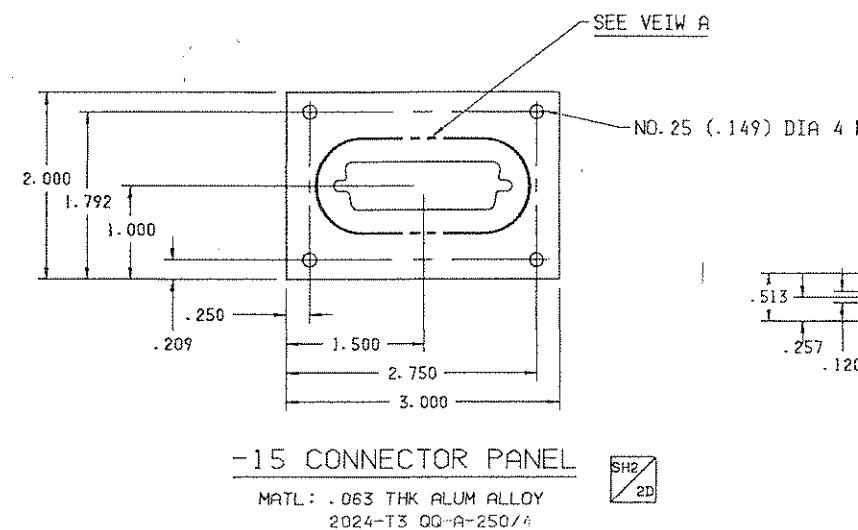
8 7 6 5 4 3 2 1

D

C

B

A



SIZE CODE IDENT NO.
D OSUV8 030-24001
REV -
A/C CONTROL PANEL
SHEET 3 OF 4

8

7

6

5

4

3

STC'd PRINT

03024001.03 ORIGINAL

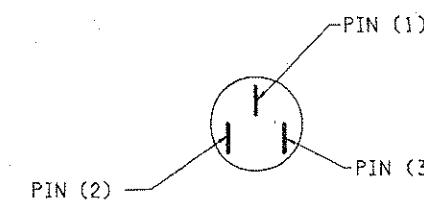
SIZE CODE IDENT NO.
D OSUV8 030-24001

A/C CONTROL PANEL

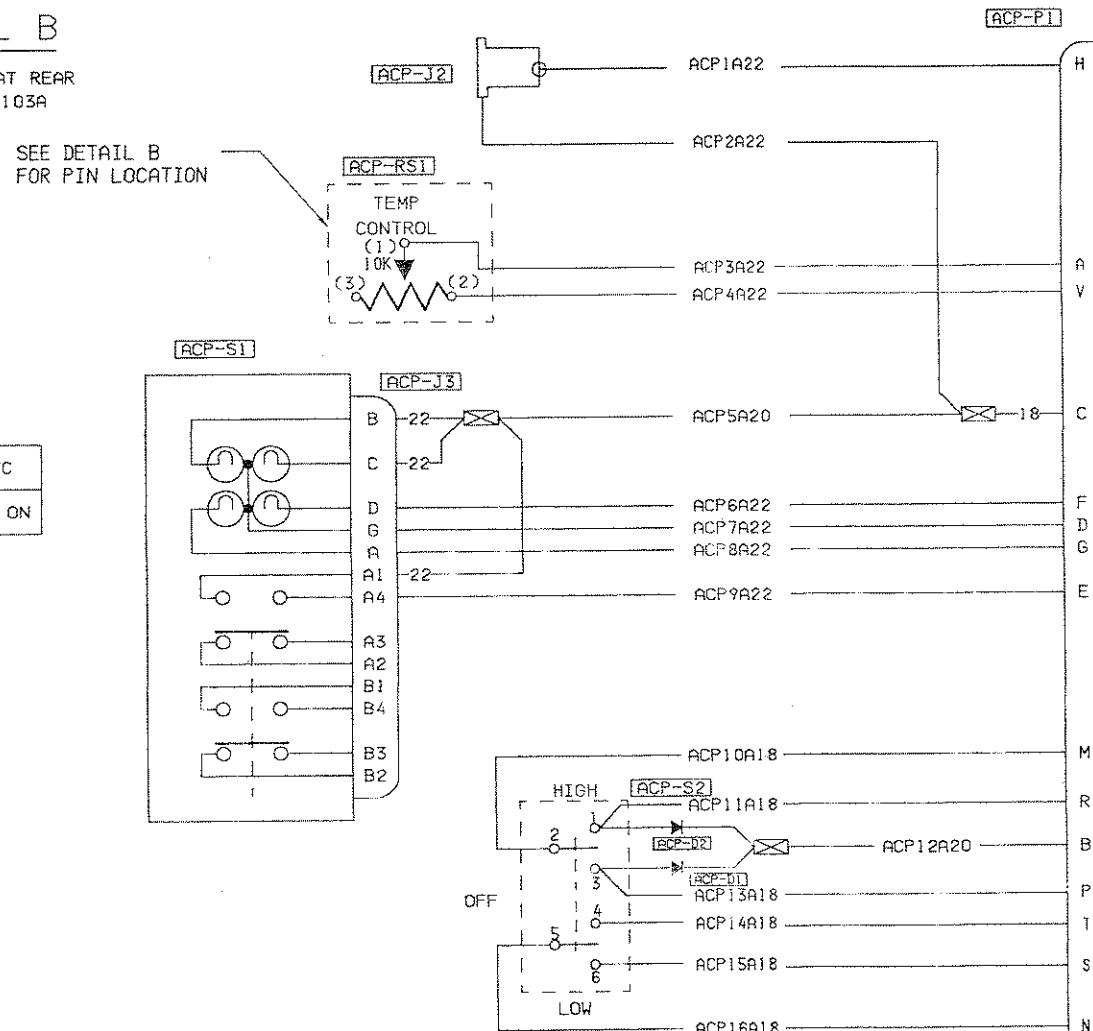
SHEET 4 OF 4

STC'd PRINT

03024001, 04 ORIGINAL



DETAIL B

VIEW LOOKING AT REAR
OF RV6NAYSD103A

-19 WIRING DIAGRAM (206)

-17 WIRING DIAGRAM (212/412)

